

PATENT APPLICATION

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

ATTORNEY DOCKET NO. 10005846-3

IN THE
U.S. PATENT AND TRADEMARK OFFICE

Anticipated Classification of this application:

Class _____ Subclass _____

Prior application:

Examiner: Hong Chong Kim

Art Unit: 2186

Commissioner For Patents
PO Box 1450
Alexandria, VA 22313-1450

I hereby certify that this is being deposited with the United States Postal Service "Express Mail" Post Office to Addressee" service under 37 CFR 1.10 on 10/14/2003 and is addressed to the Commissioner for Patents, Alexandria, VA 22313-1450

"Express Mail" label no. EV175421013US

Typed Name: Gregory W. Osterloth

Signature: 

17868 U.S. PTO
10/685929



REQUEST FOR A CONTINUING APPLICATION UNDER 37 CFR 1.53(b)

Sir:

This is a request for filing a continuing application under 37 CFR 1.53(b) a
(X) continuation application of:
() divisional application of:

Pending Prior Application

Application No. 09/828,604 filed 04/07/2001

Title MEMORY CONTROLLER WITH 1X/MX READ CAPABILITY

Name of applicant(s) Eric M. Rentschler, et al.

Copy of Application

- () Enclosed is a copy of the prior application, including the drawings.
(X) Enclosed is a new specification, including new drawings.

Oath or Declaration

- () Enclosed is a copy of the prior Declaration (37 CFR 1.63(d)).
(X) Enclosed is a new, unsigned Declaration and Power of Attorney.

Foreign Priority - 35 USC 119

- () Foreign priority under 35 U.S.C. 119 has been claimed in prior Application No. _____
filed on _____ in _____
() The certified copy has been filed in prior Application No. _____
filed _____
() A separate paper claiming direct priority to a foreign application is enclosed herewith. A certified copy of the foreign application will be provided in due course.

Relate Back - 35 USC 120

Cross Reference To Related Application(s);

This is a (X) continuation () divisional
of copending application number 09/828,604 filed on 04/07/2001,
which is hereby incorporated by reference herein.

Inventorship Statement

- (X) Delete the following named individuals as inventors in this application in accordance with 37 CFR 1.53(b) as a result of a change in the claimed subject matter:

Leith L. Johnson

Appointment of Associate Attorney

- () Recognize as Associate Attorney or Agent _____
Registration No. _____
() authorization is hereby granted by signature below of the Attorney or Agent of record
() the Associate Attorney or Agent may not have the authority to appoint other Attorneys or Agents

Communications

- (X) Address all future communications to:

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

Direct telephone calls to:

T. Grant Ritz
(970) 898-0697

Other Amendments

- () Enter the enclosed Preliminary Amendment. The filing fee is calculated on the basis of the amended claims.

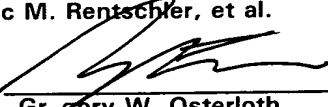
Fee Calculation

- (X) The filing fee is calculated below for (X) Utility () Design

CLAIMS AS FILED BY OTHER THAN A SMALL ENTITY				
(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) TOTALS
TOTAL CLAIMS	20 — 20	0	X \$18	\$ 0
INDEPENDENT CLAIMS	3 — 3	0	X \$86	\$ 0
ANY MULTIPLE DEPENDENT CLAIMS	0		\$290	\$ 0
BASIC FEE: Design (\$340.00); Utility (\$770.00)				\$ 770
TOTAL FILING FEE				\$ 770
TOTAL CHARGES TO DEPOSIT ACCOUNT				\$ 770

Charge \$ 770 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

Respectfully submitted,
Eric M. Rentscher, et al.

By 
Gregory W. Osterloth
Attorney/Agent for Applicant(s)
Reg. No. 36,232

Date: 10/14/2003

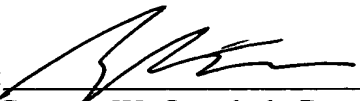
Telephone No.: (303) 291-3200

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:)	
Eric M. Rentschler, et al.)	
Serial No.:)	Confirmation No.: Not yet assigned
Not yet assigned)	
Filing Date:)	Examiner: Not yet assigned
10/14/2003)	
For:)	Group Art Unit: Not yet assigned
MEMORY CONTROLLER TO)	
COMMUNICATE WITH MEMORY)	
DEVICES THAT ARE ASSOCIATED)	
WITH DIFFERING DATA/STROBE)	
RATIOS)	
Docket No.:)	
10005846-3)	

CERTIFICATE OF EXPRESS MAILING

I hereby certify that the attached **Request for a Continuing Application Under 37 CFR 1.53(b); Continuing Patent Application (54 pages including 48 pages of specification, 5 pages of claims and 1 page abstract); 23 sheets of Formal Drawings (Figs. 1-29); Unsigned Declaration and Power of Attorney (2 pages); Information Disclosure Statement/Form PTO-1449; and Post cards for return by the United States Patent and Trademark Office**, are all being deposited with the United States Postal Service addressed to the Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450, via Express Mail No. EV 175421013 US, on this 14th day of October 2003.

By: 
Gregory W. Osterloth, Reg. No. 36,232